

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	339	623/17.14.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/04/16 11:01
L28	70	L27 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/16 11:01
L29	269	L27 not L28	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:01
L30	27	("20020077702"   "20030135277"   "20030187506"   "20040176843"   "20040193271"   "20050060034"   "20050228500"   "5258031"   "5401269"   "5556431"   "5562738"   "5658335"   "5674284"   "5674296"   "5888226"   "5893889"   "5899941"   "6001130"   "6063121"   "6156067"   "6176882"   "6375682"   "6540785"   "6572653").PN. OR ("7235101").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:05
L31	7	("20020052656"   "20040143332"   "5989294"   "6176882"   "6533791"   "6610093"   "7273496").PN. OR ("7473276").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:08
L32	31	("20030083749"   "20040039448"   "20040102849"   "20040199253"   "20040210218"   "20050251260"   "20060052872"   "20060200243"   "20070067038"   "20080077246"   "5246458"   "5534031"   "5693100"   "5755796"   "5776196"   "5776198"   "5895428"   "5899941"   "6146421"   "6179874"   "6402750"   "6458159"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:08

		"6517580"   "6602257"   "6610093"   "6736815"   "7022138"   "7083649"   "7141070"   "7261739"   "7309357").PN. OR ("7491240").URPN.				
L33	227	("0566360"   "1436573"   "20010020185"   "20020143343"   "20030028249"   "20030109928"   "20030187506"   "20030220691"   "20040002761"   "20040010316"   "20040034423"   "20040073309"   "20040073311"   "20040093082"   "20040111160"   "20040117022"   "20040133278"   "20040143332"   "20040148029"   "20040162617"   "20040193273"   "20040243238"   "20040243240"   "20050027359"   "20050027363"   "20050060034"   "20050065611"   "20050085917"   "20050149189"   "20050197706"   "20050246024"   "20060041314"   "20060069437"   "20060122703"   "2836442"   "3325197"   "3857642"   "3958278"   "4074542"   "4085466"   "4309777"   "4349921"   "4655778"   "4714469"   "4756711"   "4759766"   "4759769"   "4787908"   "4863476"   "4874389"   "4892545"   "4911718"   "4932975"   "4946378"   "4955908"   "4955916"   "4997432"   "5002576"   "5041139"   "5071437"   "5122130"   "5123926"   "5171281"   "5192327"   "5197986"   "5246458"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:10

"5258031"	"5290312"
"5306309"	"5314477"
"5358526"	"5370697"
"5397364"	"5401269"
"5425773"	"5507816"
"5534029"	"5534030"
"5545229"	"5556431"
"5562738"	"5571109"
"5609636"	"5645596"
"5674294"	"5676701"
"5676702"	"5683465"
"5702450"	"5702472"
"5722977"	"5741253"
"5766252"	"5772661"
"5776199"	"5782832"
"5782919"	"5797909"
"5824094"	"5827328"
"5865848"	"5888224"
"5888226"	"5893889"
"5895428"	"5899941"
"5984967"	"6001130"
"6010502"	"6033438"
"6039763"	"6045552"
"6063121"	"6080158")
PN. OR ("6093205"	
"6096038"	"6096080"
"6113637"	"6113638"
"6136031"	"6146421"
"6146422"	"6149650"
"6156067"	"6179873"
"6179874"	"6193757"
"6206922"	"6210412"
"6224595"	"6228118"
"6231609"	"6245072"
"6258094"	"6261293"
"6264656"	"6267763"
"6270498"	"6277149"
"6283998"	"6296664"
"6306170"	"6315797"
"6319257"	"6344057"
"6364880"	"6368350"
"6371988"	"6375655"
"6387130"	"6395035"
"6402750"	"6402785"
"6409765"	"6413278"
"6416551"	"6419704"
"6419706"	"6423095"
"6440168"	"6447512"
"6447547"	"6468310"
"6471724"	"6478823"
"6482234"	"6506216"
"6514260"	"6517580"
"6520996"	"6524312"
"6527804"	"6527806"
"6540785"	"6579291"
"6582468"	"6592624"

		"6599320"   "6607558"   "6610089"   "6610092"   "6610093"   "6613091"   "6616671"   "6641614"   "6645206"   "6645249"   "6652533"   "6652586"   "6656224"   "6669730"   "6669731"   "6669732"   "6673113"   "6679915"   "6682562"   "6695851"   "6695882"   "6706068"   "6709439"   "6719794"   "6723127"   "6726720"   "6730088"   "6733504"   "6733532"   "6733535"   "6736850"   "6740117"   "6740118"   "6749635"   "6755841"   "6764512"   "6764515"   "6767367"   "6770074"   "6770095"   "6793678"   "6800093"   "6899735"   "6936071"   "6994727"   "7060097"). PN. OR ("7682396"). URPN.				
L34	28	("20040176843"   "20050060034"   "20050143824"   "20050228500"   "20050267581"   "5258031"   "5401269"   "5425773"   "5556431"   "5562738"   "5658335"   "5674284"   "5674296"   "5827328"   "5888226"   "5893889"   "5899941"   "6001130"   "6063121"   "6156067"   "6176882"   "6375682"   "6540785"   "6572653"   "6726720"   "6899735"   "7060097"   "7169150"). PN. OR ("7682397"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:10
L35	2	10/042589.app.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 11:44
L39	90	((Krueger near3 David) or (Wagner near3 Erik)).in. and ("623" or "606").clas.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 15:39
L40	57	606/99.ccls. and dove \$1tail	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 15:42
L41	784	403/381.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/16 16:11

L42	373	41 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/16 16:11
L43	127	41 and taper\$	US-PGPUB; USPAT	ADJ	OFF	2010/04/16 16:12
S1	1	10/538542.app.	US-PGPUB; USPAT	ADJ	OFF	2009/05/20 13:26
S3	7	ep-282161-\$.did. or de-19750382-\$.did. or wo-9959492-\$.did. or us-20020052656-\$.did.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	OFF	2009/05/20 13:35
S4	1	"6761720".pn.	US-PGPUB; USPAT	ADJ	OFF	2009/05/20 13:43
S5	19	frigg.in. and 623/17.11-17.16.ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/20 13:44
S6	3	US-4759769-\$.DID. OR US-6533791-\$.DID. OR US-20020052656-\$.DID.	US-PGPUB; USPAT	ADJ	OFF	2009/08/04 10:42
S7	4015	623/17.11-17.16.ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/08/04 10:58
S8	866	623/17.11-17.16.ccls. and @ad<"20021217"	USPAT	ADJ	OFF	2009/08/04 11:09
S9	1	de-2438669-\$.did.	EPO; DERWENT	ADJ	OFF	2009/08/04 14:58
S10	1	"5683465".pn.	US-PGPUB; USPAT	ADJ	OFF	2009/08/04 14:58
S11	1	"20040143332"	US-PGPUB; USPAT	ADJ	OFF	2009/08/04 16:55
S12	149	((Krueger near3 David) or (Wagner near3 Erik)).in.	US-PGPUB; USPAT	ADJ	OFF	2009/08/05 10:06
S13	4015	623/17.11-17.16.ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/08/05 10:07
S14	33	S12 and S13	US-PGPUB; USPAT	ADJ	OFF	2009/08/05 10:07
S15	1	10/387329.app.	US-PGPUB; USPAT	ADJ	OFF	2009/08/05 10:31
S16	1	ca-2332822-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/05 11:15
S17	7	("20020052656"   "20040143332"   "5989294"   "6176882"   "6533791"   "6610093"   "7273496").PN. OR ("7473276").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/24 10:18

S18	40	623/17.11-17.16.ccls. and ((universal adj joint) or (u adj joint) or (ujoint) or (u-joint))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/24 10:24
S19	28	("20030105531"   "3497083"   "4229841"   "4309777"   "4657550"   "4759766"   "4759769"   "4932975"   "5401269"   "5458642"   "5507816"   "5556431"   "5674296"   "5702455"   "5827328"   "5865846"   "5888226"   "5928284"   "6001130"   "6063121"   "6146421"   "6156067"   "6231609"   "6368350"   "6416551"   "6572653"   "6758861"). PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/24 10:48
S20	4	((("5,314,477") or ("5,401,269") or ("5,676,701") or ("6,039,763")).PN.	USPAT; USOCR	OR	OFF	2010/02/24 11:21
S21	2143	464/106-159.ccls. and universal joint	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 11:29
S22	1655	464/106-159.ccls. and universal joint and @pd<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 11:29
S23	1592	464/106-159.ccls. and universal joint and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 11:30
S24	147	464/147-156.ccls. and universal joint and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 11:35
S25	3	464/147-156.ccls. and universal joint and @pd<"20021217" not S24	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 14:42
S26	967	464/147-156.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 14:43
S27	817	S26 not S24 not S25	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 14:45
S28	771	464/147-156.ccls. and @pd<"20011217" not S24 not S25	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 14:45
S29	511	403/57-58.ccls. and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 15:07
S30	286	403/79.ccls. and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 15:10
S31	935	403/52-53,57-58.ccls. and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 15:24

S32	284	403/72-74.ccls. and @pd<"20011217"	US-PGPUB; USPAT	ADJ	OFF	2010/02/24 15:32
S34	13	("1460928"   "1840048"   "2703724"   "3100555"   "3511536").PN. OR ("3601176").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/24 16:36
S35	7	("5062730").URPN.	USPAT	ADJ	OFF	2010/02/25 09:49
S36	4	("5324235").URPN.	USPAT	ADJ	OFF	2010/02/25 09:51
S37	51	("2796619"   "2833130"   "3012264"   "3041648"   "3395416").PN. OR ("3778860").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/25 09:53
S38	335	15/144.2.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/02/25 10:07
S39	2	us-20060106998-\$.did. or us-20060116768-\$.did.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:31
S40	2	us-20040106998-\$.did. or us-20060116768-\$.did.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:33
S41	339	623/17.14.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:42
S42	70	S41 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:42
S43	1897	623/17.16.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:53
S44	568	S43 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 13:53
S45	688	623/17.15.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 14:26
S46	176	S45 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 14:27
S47	926	606/99.ccls.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 15:04
S48	356	S47 and @ad<"20021217"	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 15:04
S49	6	ep-282161-\$.did. or de- 19750382-\$.did. or wo- 9959492-\$.did. or us- 20020052656-\$.did.	EPO; DERWENT	ADJ	OFF	2010/04/15 15:32

S50	24	("20020087212"   "20020183761"   "20030187506"   "20030204261"   "20040002758"   "20040143332"   "20040172135"   "20060116768"   "4759766"   "5112332"   "5258031"   "5314477"   "5314477"   "5401269"   "5401269"   "5415659"   "5425773"   "5534029"   "5888226"   "5888226"   "5910143"   "6019792"   "6019792"   "6045579"   "6146421"   "6368350"   "6936071"   "7326250") PN.	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 15:52
S51	202	("20010016773"   "20010029377"   "20020035400"   "20020045904"   "20020068936"   "20020091392"   "20020116009"   "20020123753"   "20020128715"   "20020165550"   "20020177897"   "20020198532"   "20030009224"   "20030023245"   "20030028249"   "20030045939"   "20030074076"   "20030100951"   "20030130662"   "20030135277"   "20030187448"   "20030191536"   "20030195517"   "20030199982"   "20030204261"   "20030208271"   "20030229358"   "20040002761"   "20040024407"   "20040024410"   "20040030391"   "20040034426"   "20040059318"   "20040073307"   "20040073312"   "20040098131"	US-PGPUB; USPAT	ADJ	OFF	2010/04/15 15:54



"20040143270"	
"20040176843"	
"20040186569"	
"20040215342"	
"20040225295"	
"20050021145"	
"20050021146"	
"20050043800"	
"20050085917"	
"20050107881"	
"20050113842"	
"20050149189"	
"20050165408"	
"20050192586"	
"20050192670"	
"20050197706"	
"20050251262"	
"20050261772"	
"20050267580"	
"20050267581"	
"20060004377"	
"20060004453"	
"20060025862"	
"20060029186"	
"20060030857"	
"20060030862"	
"20060036325"	
"20060041313"	
"20060069439"	
"20060178744"	
"20060195097"	
"20060241641"	
"20060293754"	
"20070061011"	
"20070123903"	
"20070123904"	
"20070282449"	
"20080051900"	
"20080051901"	
"20080125864"	
"20080133011"	
"20080154382"	
"20080215155"	
"20080221696"	
"20080228277"	
"20080294259"	
"20090043391"	
"3486505"	"4566466"
"4759766"	"4759769"
"4834757"	"4863477"
"4997432"	"5035716"
"5057108"	"5071437"
"5122130"	"5195526"
"5258031"	"5282661"
"5314477"	"5370697"
"5401269"	"5415704"

"5462575"	"5484437"
"5489307"	"5505732"
"5507816"	"5534030"
"5556431"	"5674296"
"5676701"	"5676702"
"5702450"	"5728159"
"5797909"	"5824094"
"5865846"	"5888226"
"5899901"	"5899911"
"5928284"	"5989291"
"6001130"	"6019792"
"6022376"	"6039763"
"6080155"	"6083228"
"6096038"	"6139551"
"6139579"	"6143033"
"6146421"	"6156067"
"6159214"	"6162252"
"6176881"	"6224595"
"6235030"	"6261296"
"6264695"	"6315797"
"6322567"	"6348071"
"6368350"	"6395032"
"6413278"	"6416551"
"6436098"	"6440139"
"6447544"	"6478800"
"6517544"	"6517580"
"6520967"	"6520996"
"6527804"	"6533817"
"6537279"	"6554863"
"6562047"	"6562074"
"6565574"	"6582466"
"6582468"	"6592624"
"6599294"	"6607558"
"6607559"	"6610092"
"6623525"	"6645248"
"6652533"	"6666866"
"6669732"	"6673113"
"6682562"	"6689132"
"6706068"	"6709439"
"6712825"	"6723097"
"6726721"	"6728720"
"6740118"	"6740119"
"6755841"	"6770095"
"6814737"	"6821298"
"6875213"	"6896680"
"6936071"	"6936132"
"6966929"	"6994727"
"7025787"	"7056344"
"7060073"	"7179294"
"7182784"	"7270679"
"7442211")	.PN.

S52	51	("4388921"   "4863476"   "5443514"   "5554191"   "5578034"   "5607428"   "5653763"   "5658335"   "5665122"   "5749916"   "5776199"   "5782832"   "5782919"   "5785710"   "5800550"   "5888227"   "5980522"   "6045579"   "6080193"   "6176882"   "6190414"   "6302914"   "6447544"   "6447547"   "6478823").PN. OR ("6706070").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/15 16:28
S53	25	("5522899"   "5653763"   "5782832"   "6045579"). PN. OR ("6641614"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/15 16:28
S54	281	("4401112"   "4433677"   "4492226"   "4501269"   "4503848"   "4570618"   "4604995"   "4641636"   "4643178"   "4743256"   "4763644"   "4805602"   "4834757"   "4863476"   "4878915"   "4887596"   "4946458"   "4950269"   "4961740"   "4966600"   "4987892"   "5005562"   "5026373"   "5047029"   "5055104"   "5074864"   "5102412"   "5108399"   "5108446"   "5116340"   "5123926"   "5127912"   "5129388"   "5129904"   "5147359"   "5154718"   "5171278"   "5176678"   "5176680"   "5181917"   "5192321"   "5192327"   "5201734"   "5242445"   "5242448"   "5246442"   "5261909"   "5263953"   "5281222"   "5282801"   "5290312"   "5290494"   "5303718"   "5304179"   "5306307"   "5306309"   "5312405"   "5312410"   "5318566"   "5336223"   "5336240"   "5344422"   "5348026"   "5357983"   "5360429"   "5360431"   "5361766"   "5364399"   "5370697"   "5380325"   "5385583"   "5390683"   "5395374"   "5397364"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/15 16:28

"5403315"	"5405391"
"5415658"	"5417690"
"5423820"	"5423825"
"5425772"	"5443514"
"5466237"	"5474555"
"5480437"	"5484437"
"5489307"	"5489308"
"5496318"	"5505732"
"5507746"	"5514180"
"5520690"	"5522899"
"5527341"	"5531746"
"5531751"	"5536270"
"5536271"	"5545165"
"5549608"	"5549612"
"5554157"	"5554191"
"5563124"	"5569248"
"5569253"	"5571192"
"5575792"	"5578033"
"5584834"	"5586984"
"5593409"	"5601553"
"5601556"	"5603713"
"5607424"	"5607425"
"5607426"	"5607430"
"5609592"	"5609593"
"5609594"	"5609596"
"5609635"	PN. OR
"5609636"	"5611800"
"5611801"	"5613967"
"5616144"	"5620443"
"5624441"	"5626579"
"5628740"	"5628756"
"5630816"	"5632747"
"5634925"	"5643260"
"5643264"	"5643265"
"5645084"	"5645544"
"5645549"	"5645598"
"5647873"	"5649927"
"5651283"	"5651789"
"5653708"	"5653709"
"5653763"	"5658289"
"5658335"	"5658337"
"5658516"	"5662653"
"5665088"	"5665112"
"5665122"	"5667506"
"5667507"	"5667508"
"5668288"	"5669909"
"5669910"	"5669911"
"5671695"	"5672175"
"5672176"	"5674222"
"5674295"	"5674296"
"5676665"	"5676666"
"5676701"	"5676703"
"5681311"	"5681312"
"5683391"	"5683392"
"5683393"	"5683394"
"5688272"	"5688273"

		"5688274"   "5688279"   "5688280"   "5690629"   "5690630"   "5690631"   "5690632"   "5690633"   "5690842"   "5693046"   "5693053"   "5693100"   "5697929"   "5697977"   "5700291"   "5700292"   "5702391"   "5702392"   "5702393"   "5702394"   "5702395"   "5702396"   "5702399"   "5702449"   "5702450"   "5702451"   "5702452"   "5702453"   "5702454"   "5702455"   "5704936"   "5704937"   "5707372"   "5707395"   "5709681"   "5709682"   "5709683"   "5709684"   "5709685"   "5709686"   "5713841"   "5713898"   "5713899"   "5713900"   "5713903"   "5713904"   "5716355"   "5716356"   "5716357"   "5716358"   "5716359"   "5716415"   "5716416"   "5720746"   "5720747"   "5720748"   "5720751"   "5722977"   "5749916"   "5782832"   "5782919"   "5785710"   "5800550"   "5888227"   "5980522").PN. OR ("6045579"   "6176882"   "6190414").PN. OR ("6576016").URPN.				
S55	58	("4759766"   "5258031"   "5314477"   "5401269"   "5425773"   "5562738"   "5665122"   "5676701"   "5683465"   "5782832"   "5895428"   "5899941"   "5989291"   "6019792"   "6063121"   "6113637"   "6156067"   "6179874"   "6368350"   "6517580"   "6572653").PN. OR ("6740118").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/15 16:28
S56	325	S52 or S53 or S54 or S55 not S46 not S48 not S42 not S51	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/04/15 16:30

4/16/2010 4:39:41 PM

C:\Documents and Settings\mschaper\My Documents\EAST\Workspaces\10.538542.wsp